

KOTZIN ET AL.
"Emergency Deployable GPS Antenna"
Atty. Docket No. CS 10455

Appl. No. 10/628,200
Confirm. No. 6111
Examiner S. Chen; Art Unit 2821

REMARKS

Request for Reconsideration, Informal Matters, Claims Pending

The non-final Office action mailed on 8 March 2005 has been considered carefully. Reconsideration of the claimed invention in view of the amendments above and the discussion below is respectfully requested.

The Background of the specification has been amended to make reference to the satellite positioning system receiver, which is known generally. Claims 1, 3 and 4 have been broadened by elimination of the housing limitation. Claims 27-31 are new. No new matter has been added.

Claims 1-17 and 24-32 are pending.

Rejection Under 35 U.S.C. 112, Second paragraph

Rejection Summary

Claims 24-26 stand rejected under 35 U.S.C. 112, second paragraph for failure to provide an antecedent basis for "satellite positioning system" in Claim 24.

Discussion

Claim 24, lines 6-7, have been amended to recite a "satellite positioning system receiver", the antecedent basis for which is provided in line 4. Kindly withdraw the rejection under 35 U.S.C. 112.

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Patentability of Claims over Johnson

Rejection Summary

Claims 1-4 and 17 stand rejected under 35 USC 102(e) as being anticipated by U.S. Patent No. 6,573,868 (Johnson).

Allowability of Claim 1

Claim 1 has been amended to more clearly distinguish over Johnson. Johnson does not disclose or suggest a

... portable wireless communication device, comprising:
a radio receiver coupled to an antenna;
a satellite positioning system receiver;
a satellite positioning system antenna coupled to the
satellite positioning system receiver;
a deployment system coupled to the satellite positioning
system antenna, the deployment system moving the satellite
positioning system antenna from a docked position to a deployed
position in response to an occurrence of at least one
predetermined deployment event.

Johnson discloses a PCMCIA card (10) removable disposable in a card slot of a portable host computer. The card (10) comprises a retractable antenna (50) including a spring biased actuating mechanism. In Johnson, there only single antenna on the host computer. Particularly, the host computer of Johnson does not include a radio receiver coupled to an antenna and a satellite positioning system receiver coupled to a satellite positioning system antenna. Claim 1 is thus patentably distinguished over Johnson.

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Allowability of Claim 3

Regarding Claim 3, Johnson fails to disclose or suggest in combination with the limitations of Claim 1,

... wherein the satellite positioning system antenna is a monopole antenna substantially contained in an antenna chamber, wherein the deployment system has an ejection device, and wherein the satellite positioning system antenna has a connection section operatively connected to the ejection device which moves the satellite positioning system antenna from the docked position to the deployed position.

Claims 3 is thus further patenably distinguished over Johnson.

Allowability of Claim 4

Regarding Claim 4, Johnson fails to disclose or suggest in combination with the limitations of Claim 3,

... wherein the ejection device is a spring member, and wherein a latch mechanism retains the monopole satellite positioning system antenna in the antenna chamber.

Claims 4 is thus further patenably distinguished over Johnson.

Allowability of Claim 17

Regarding Claim 17, Johnson fails to disclose or suggest in combination with the limitations of Claim 1,

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... wherein the satellite positioning system antenna is rotated from a docked position adjacent a housing of the portable wireless communication device to a deployed position in which the satellite positioning system antenna has one end positioned away from the housing.

Claims 17 is thus further patenably distinguished over Johnson.

Discussion of New Claims 27-31

New independent Claim 27 is based on allowable Claim 7, which includes limitations of original Claims 1, 3 and 7. New Claim 28, dependent from Claim 27, includes limitations of original Claim 3. New Claim 29, dependent from Claim 27, includes the solenoid limitations of original Claim 8. New Claim 30 includes limitations of allowable Claim 7. New Claim 31 includes limitations of allowable Claim 15. New Claim 32, dependent from Claim 31, also includes limitations of allowable Claim 15. The subject matter of Claims 27-32 is not disclosed or suggested by the prior art. Claims 27-32 are thus patentably distinguished over the art.

Allowable Subject Matter

The Examiner has noted that Claims 5-16 would be allowable is rewritten in independent form, and that Claims 24-26 would be allowable if rewritten to overcome the formal rejections. These claims are believed to be allowable in their present form in light the amendments to the base and any intervening claims.

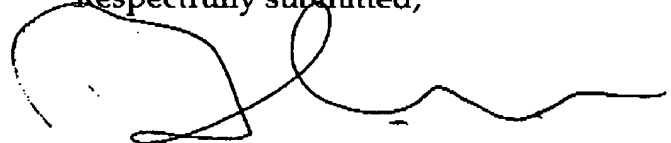
KOTZIN ET AL.
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Atty. Docket No. CS 10455

Appl. No. 10/628,200
Confirm. No. 6111
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Prayer for Relief

In view of any amendments and the discussion above, the Claims of the present application are in condition for allowance. Kindly proceed with substantive examination of the instant application without further delay.

Respectfully submitted,



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